BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-The work of Development of Parks and construction of Toilets at A Sector Parks in Ward No 04 Yalahanka New Town.

Est Cost: =100.00 Lakhs

Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
			m	m	m			
KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2 (P.No.138, I.No.18.11 of PW, P&IWTD SR 2018-19)								
WG Park yalahanka	Sqm							
WG Park 1	1	1	20.00	50.00		1000.00		
WG Park 2	1	1	20.00	100.00		2000.00		
						3000.00	10.60	**31800.00**
Basic rate	10.00							
Area Weightage 6%	0.60							
Total	10.60							
KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.143, I.No.19.1 of PW, P&IWTD SR 2018-19)								
WG Park yalahanka	Cum							
Pathway								
WG Park 1	1	1	140.00	2.50	0.20	70.00		
WG Park 2	1	1	210.00	2.50	0.20	105.00		
Connecting Pathway	1	1	47.00	2.50	0.20	23.50		
SSM For Chain Link Fencing								
WG Park 1	1	1	65.00	0.65	0.55	23.24		
WG Park 2	1	1	135.00	0.65	0.55	48.26		
GAZEBO								
Size 6.5x6.5	1	4	6.50	0.80	1.20	24.96		
Platform For Benches	1	13	2.50	1.50	0.30	14.63		
						309.59	211.79	**65566.39**
Basic rate	**130.00**							
Loading and unloading with 5km lead= ST*2.0x1.28x5 = 69.80	**69.80**							
Area Weightage 6%	**11.99**							
Total	**211.79**							
KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100 (P.No.222, I.No.27.18 of PW,P&IWTD S.R 2018-19)								
For Bed	Cum							
SSM For Chain Link Fencing								
WG Park 1	1	1	65.00	0.65	0.15	6.34		
WG Park 2	1	1	135.00	0.65	0.15	13.16		
GAZEBO								
Size 6.5x6.5	1	4	6.50	0.80	0.15	3.12		
Platform For Benches	1	13	2.50	1.50	0.15	7.31		
						29.93	5421.90	**162291.02**
A.Basic rate	**5115.00**							
B.Area Weightage 6%	**306.90**							
Total	**5421.90**							

KSRB 5.4-3 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 (Page No. 23, Item No. - 5.12 of PW;P&IWTD S.R 2016-17)								
New SSM	Cum							
MIG Park 1	1	1	65.00	0.45	1.20	35.10		
MIG Park 2	1	1	135.00	0.45	1.20	72.90		
Deductions								
Chain Link Post	-1	67	0.45	0.45	0.450	-6.11		
GAZEBO								
Size 6.5x6.5								
1st Step Up to foundation	1	4	6.50	0.60	0.600	9.36		
2nd Step Up to Plinth	1	4	6.50	0.45	0.450	5.27		
						116.52	5563.94	**648308.20**
A.Basic rate	**5249.00**							
B.Area Weightage 6%	**314.94**							
Total	**5563.94**							
KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.								
Ruled Pointing	Sqm							
MIG Park 1	1	2	65.00		0.600	78.00		
MIG Park 2	1	2	135.00		0.600	162.00		
Deductions								
Chain Link Post	-2	67	0.45		0.450	-27.14		
						212.87	105.84	**22529.63**
A.Basic rate	**98.00**							
B.Area Weightage 6%	**7.84**							
Total	**105.84**							
KSRRB M2200-5.9. Providing and laying Design mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. - i) Upto 5 m height.(P.No.227, I.No.28.7.9 of PW, P&IWTD SR 2018-19)								
M20Concrete for Posts	Cum							
Chain Link Post	1	67	0.45	0.45	0.45	6.11		
GAZEBO								
Plinth Beam	1	4	6.50	0.30	0.30	2.34		
						8.45	5483.38	**46309.20**
A.Basic rate	**5173.00**							
B.Area Weightage 6%	**310.38**							
Total	**5483.38**							
KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PW, P&IWTD SR2016-17)								
Coping Concrete	Sqm							
MIG Park 1	1	1	65.00	0.45	0.150	4.39		
MIG Park 2	1	1	135.00	0.45	0.150	9.11		
Platform For Benches	1	13	2.50	1.50	0.100	4.88		
						18.38	5876.28	**107976.65**
A.Basic rate	**5441.00**							
B.Area Weightage 6%	**435.28**							
Total	**5876.28**							

Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm. (P.No 112, I.No.14.61.2 of PW,P&IWTD S.R 2018-19)								
Flooring slab	Sqm	13	2.50	1.50	--	48.75		
Granite stone around Bench		13	8.00	0.30	--	31.20		
						79.95	2097.74	**167714.31**
A.Basic rate	**1979.00**							
B.Area Weightage 6%	**118.74**							
Total	**2097.74**							
KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 (P.No155 of I.No.20.20 in PW,P&IWTD SR 2018-19)								
MG Park yalahanka	cum							
Pathway								
MG Park 1	1	1	140.00	2.50	0.30	105.00		
MG Park 2	1	1	210.00	2.50	0.30	157.50		
Connecting Pathway	1	1	47.00	2.50	0.30	35.25		
GAZEBO								
Earth Filling	1	1	6.50	6.50	0.30	12.68		
Platform For Benches	1	13	2.50	1.50	0.20	9.75		
						320.18	221.54	**70931.57**
A.Basic rate	**209.00**							
B.Area Weightage 6%	**12.54**							
Total	**221.54**							
KSRRB M400-17: Providing, laying, spreading and compacting graded stones aggregate to Wet Mix Macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mix method of tipper to site,Laying in uniform layers with paver in subbase/base course on the well prepared surface and compacting with vibratory rollers to achive the desired density complete as per MORTH specification No. 406.etc with all lead and lifts and as per directions of the Engineer-in-charge(Page No:155 Item No: 20.18, of KPWD SR Bangalore Circle 2018-19)								
MG Park yalahanka	cum							
GAZEBO								
	1	1	6.50	6.50	0.20	8.45		
						8.45	2001.28	**16910.82**
A.Basic rate	**1888.00**							
B.Area Weightage 6%	**113.28**							
Total	**2001.28**							
Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (P.No. 109, I.No. 14.62 of PWD SR 2018-19)								
MG Park yalahanka	Sqm							
GAZEBO								
Designer Tiles	1	1	6.50	6.50		42.25		
						42.25	1305.92	**55175.12**
A.Basic rate	**1232.00**							
B.Area Weightage 6%	**73.92**							
Total	**1305.92**							

KSRRB 14.6-1: Providing & laying heavy duty cobble stones 60mm thick interlock pavers,using cement & course sand for manufacture of blocks of approved size ,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (Avg thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No 103 of I.No.14.6 in PW,P&IWTD SR 2018-19)								
MG Park yalahanka	Sqm							
Pathway								
MG Park 1	1	1	140.00	2.50	--	350.00		
MG Park 2	1	1	210.00	2.50	--	525.00		
Connecting Pathway	1	1	47.00	2.50	--	117.50		
						992.50	1116.18	**1107808.65**
Basic rate	**1053.00**							
Area Weightage 6%	**63.18**							
Total	**1116.18**							
Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. (P.No 27 of I.No.5.30 in PW,P&IWTD SR 2018-19)								
MG Park yalahanka	No.							
Pathway								
MG Park 1	1.00	1.00	140.00	--	/0.45	311.00		
MG Park 2	1.00	1.00	210.00	--	/0.45	467.00		
Connecting Pathway	1.00	1.00	47.00	--	/0.45	104.00		
						882.00	432.48	**381447.36**
Basic rate	**408.00**							
Area Weightage 6%	**24.48**							
Total	**432.48**							
KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (Page No.180. Iitem no.24.1 of KPWD S.R Bangalore Circle 2018-2019)								
MG Park yalahanka	Sqm							
Pathway								
MG Park 1	1	1	140.00	--	0.35	49.00		
MG Park 2	1	1	210.00	--	0.35	73.50		
Connecting Pathway	1	1	47.00	--	0.35	16.45		
						138.95	84.80	**11782.96**
Basic rate	**80.00**							
Area Weightage 6%	**4.80**							
Total	**84.80**							
Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (P.No 266 of I.No.37.3 in PW,P&IWTD SR 2018-19)								
Chain Link Fencing for Missing Length	Sqm							
MG Park 1	1	1	65.00	--	2.10	136.50		
MG Park 2	1	1	135.00	--	2.10	283.50		
						420.00	757.90	**318318.00**
Basic rate	**715.00**							
Area Weightage 6%	**42.90**							
Total	**757.90**							

Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (P.No 266 of I.No.37.2 in PW,P&IWTD SR 2018-19)								
Rectangular Pole	m							
Chain Link Post	1	67	2.40	--	--	160.80		
						160.80	910.54	**146414.83**
Basic rate	**859.00**							
Amu Weightage 6%	**51.54**							
Total	**910.54**							
Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. (P.No.266 I.No.37.4 of PW,P&IWTD SR of 2018-19)								
Horizontal Pipe for Chain Link Fencing	m							
MG Park yalahanka								
	2	1	65.00			130.00		
						130.00	432.48	**56222.40**
Basic rate	**408.00**							
Amu Weightage 6%	**24.48**							
Total	**432.48**							
Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72 x 72 x 4.8mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50X6mm arch bent to hot dip galvanized flats. the work is inclusive of throughing GI, flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like G I Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of tow places including cost of labour, painting, erection charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineering charge of the work								
Main Gate for Park	Sqm							
	2	1	2.50		2.10	10.50		
						10.50	12475.03	**130987.82**
Data Rate	**12475.03**							
Fabricating, supplying & erecting M.S. angular Truss for all spans as approved design and drawing. The entire truss is anchored suitably by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification. (Page No. 43 Item No. 7.30 of CSR 2018-19).								
GAZEBO	kgs							
6 No 150mm dia Hollow Circular Pipes		8	3.00	--	--	24.00		
at 18.9 kg/m			18.90			**453.60**		
Main members								
65mmX100mmX6mm		15	4.00	--	--	60.00		
at 15 kg/m			15.00			**900.00**		
65mmX100mmX6mm		1	15.50	--	--	15.50		
at 15 kg/m			15.00			**232.50**		
Purlins								
30mmX50mmX3mm		15	8.50	--	--	127.50		
at 3.6 kg/m			3.60			**459.00**		
						2045.10	135.68	**277479.17**

Basic rate	128.00							
Area Weightage 6%	7.68							
Total	135.68							
KSRB 8.4-1 : Providing and fixing Mangalore tile roofing using first class tiles with necessary special tiles for ridges and hips, teak wood reepers of size 50x25mm and pointed with cement mortar 1:4 over the existing rafters including cost of materials, labour, curing complete as per specifications. Specification No. KBS 8.17. (P.No. 49, I.No. 8.10 of PWD SR 2018-19)								
Mangalore Tiles	Sqm							
GAZEBO		1	7.00	--	7.00	49.00		
						49.00	1132.08	**55471.92**
Basic rate	1068.00							
Area Weightage 6%	64.08							
Total	1132.08							
KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complate as per specifications.(P 120/ I.15.74 PW,P & MTD SR - 2018-19)								
Painting of Metal Surface	Sqm							
old Chain Link Fencing painting								
MG Park 1	1	1	140.00		2.10	294.00		
MG Park 2	1	1	210.00		2.10	441.00		
Consider 60% Area for Painting						**441.00**		
GAZEBO								
Circular Posts	1	6	0.52		2.50	7.82		
Purlins and Main Members								
65mmX100mmX6mm	1	12	0.33		4.00	15.84		
65mmX100mmX6mm	1	1	0.33		15.50	5.12		
30mmX50mmX3mm	1	12	0.16		8.50	16.32		
						37.28		
						478.28	100.70	**48162.29**
Basic rate	95.00							
Area Weightage 6%	5.70							
Total	100.70							
Toilet Construction Work								
KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (Page no -5, item no - 2.3)								
Sump								
Upto 1.5m		1	5.70	5.70	1.50	48.74		
Gents Toilet								
Footings	1	4	1.30	1.30	1.50	10.14		
Plinth Beam	1	1	25.60	0.40	0.50	5.12		
Ladies Toilet								
Footings	1	4	1.30	1.30	1.50	10.14		
Plinth Beam	1	1	32.40	0.40	0.50	6.48		
Security Room								
Footings	1	4	1.30	1.30	1.50	10.14		
Plinth Beam	1	1	31.00	0.40	0.50	6.20		
Total Qty	**Cum**					**96.96**	322.92	**31308.71**
Basic rate	299.00							
Area Weightage 8%	23.92							
Total	322.92							

23	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (Page no -5, item no - 2.3)								
	Sump								
	Above 1.5m to 3.0 m		1	5.70	5.70	1.50	48.74		
	Gents Toilet								
	Footings	1	4	1.30	1.30	1.50	10.14		
	Ladies Toilet								
	Footings	1	4	1.30	1.30	1.50	10.14		
	Security Room								
	Footings	1	4	1.30	1.30	1.50	10.14		
	Total Qty	**Cum**					**79.16**	322.92	**25560.73**
	Basic rate	**299.00**							
	Area Weightage 8%	**23.92**							
	Total	**322.92**							
24	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (Page no -5, item no - 2.3)								
	Sump								
	Above 3.0m to 4.5 m		1	5.70	5.70	1.40	45.49		
	Total Qty	**Cum**					**45.49**	322.92	**14688.34**
	Basic rate	**299.00**							
	Area Weightage 8%	**23.92**							
	Total	**322.92**							
25	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 465 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth, including cost of all material, labour HOM Machinery curing complete as per specification,(Page. No. 12 Item No. 4.2								
	Sump								
			1	5.70	5.70	0.15	4.87		
	Gents Toilet								
	Footings	1	4	1.30	1.30	0.15	1.01		
	For Plinth Beam	1	1	25.60	0.40	0.15	1.54		
	Ladies Toilet								
	Footings	1	4	1.30	1.30	0.15	1.01		
	For Plinth Beam	1	1	32.40	0.40	0.15	1.94		
	Security Room								
	Footings	1	4	1.30	1.30	0.15	1.01		
	Plinth Beam	1	1	31.00	0.40	0.15	1.86		
	Total Qty	**Cum**					**13.26**	5609.52	**74356.99**
	Basic rate	**5194.00**							
	Area Weightage 8%	**415.52**							
	Total	**5609.52**							
26	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2(Page No : 15, item No : 4.28)								
	Sump								
	Bottom Raft		1	22.00		0.25	5.50		

Gents Toilet								
Footings	1	4	4.80		0.45	8.64		
Ladies Toilet								
Footings	1	4	4.80		0.45	8.64		
Security Room								
Footings	1	4	4.80		0.45	8.64		
Total Qty	**Sqm**					**31.42**	278.64	**8754.87**
Basic rate	**258.00**							
Area Weightage 8%	**20.64**							
Total	**278.64**							
KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth bills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page No : 15, item No : 4.31)								
Sump								
Walls		2	21.00		4.00	168.00		
Gents Toilet								
For Plinth Beam	1	2	25.60		0.30	15.36		
Ladies Toilet								
For Plinth Beam	1	2	32.40		0.30	19.44		
Security Room								
Plinth Beam	1	2	31.00		0.30	18.60		
Total Qty	**Sqm**					**221.40**	386.64	**85602.10**
Basic rate	**358.00**							
Area Weightage 8%	**28.64**							
Total	**386.64**							
KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No : 16, item No : 4.32)								
Gents Toilet								
Columns	1	4	1.30		4.40	22.88		
Ladies Toilet								
Columns	1	4	1.30		4.40	22.88		
Security Room								
Columns	1	4	1.30		4.40	22.88		
Total Qty	**Sqm**					**45.76**	492.48	**22535.88**
Basic rate	**456.00**							
Area Weightage 8%	**36.48**							
Total	**492.48**							
KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitonsupto 3.50m from ground level. Specification No. KBS 4.6.2(Page No : 15, item No : 4.18)								
Sump								
Top Slab		1	5.00	5.00		25.00		
Gents Toilet								
Roof Slab	1	1	5.60	4.40		24.64		
	1	1	4.40	0.90		3.96		
Ladies Toilet								
Roof Slab	1	1	5.80	4.40		25.52		
	1	1	5.80	0.90		5.22		
Security Room								
Roof Slab	1	1	5.40	5.00		27.00		
	1	1	5.40	0.90		4.86		

Total Qty	Sqm							
Basic rate	400.00					116.20	432.00	50198.40
Amsa Weightage 8%	32.00							
Total	432.00							
KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page No : 16, item No : 4.34)								
Sump								
Top Slab		1	21.00		0.25	5.25		
Gents Toilet								
Lintel	1	2	23.40		0.15	7.02		
Roof Beam	1	2	19.20		0.45	17.28		
Ladies Toilet								
Lintel	1	2	28.00		0.15	8.40		
Roof Beam	1	2	19.60		0.45	17.64		
Security Room								
Lintel	1	2	31.20		0.15	9.36		
Roof Beam	1	2	26.00		0.45	23.40		
Total Qty	Sqm							
Basic rate	292.00					88.35	315.36	27862.06
Amsa Weightage 8%	23.36							
Total	315.36							
KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page No : 16, item No : 4.37)								
Gents Toilet								
Chajja	1	1	1.40	0.90		1.26		
Security Room								
Chajja	1	3	1.40	0.90		3.78		
Total Qty	Sqm							
Basic rate	323.00					5.04	348.84	1758.15
Amsa Weightage 8%	25.84							
Total	348.84							
KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Page No : 13, item No : 4.11)									
Sump								
Bottom Raft		1	5.50	5.50	0.25	7.56		
Walls		1	21.00	0.25	4.00	21.00		
Gents Toilet								
Footings	1	4	1.20	1.20	0.45	2.59		
Columns	1	4	0.20	0.45	4.40	1.58		
For Plinth Beam	1	1	25.60	0.20	0.30	1.54		
Ladies Toilet								
Footings	1	4	1.20	1.20	0.45	2.59		
Columns	1	4	0.20	0.45	4.40	1.58		
For Plinth Beam	1	1	32.40	0.20	0.30	1.94		
Security Room								
Footings	1	4	1.20	1.20	0.45	2.59		

Columns	1	4	0.20	0.45	6.40	2.30		
For Plinth Beam	1	1	31.00	0.20	0.30	1.86		
Total Qty	**Cum**					**47.15**	6111.72	**288170.65**
Basic rate	**5659.00**							
Area Weightage 8%	**452.72**							
Total	**6111.72**							
KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (Page No : 14, item No : 4.13)								
Sump								
Top Slab		1	5.50	5.50	0.25	7.56		
Gents Toilet								
Lintel	1	1	23.40	0.20	0.15	0.70		
Roof Beam	1	1	19.20	0.20	0.45	1.73		
Roof Slab	1	1	5.20	4.00	0.13	2.60		
	1	1	4.40	0.90	0.13	0.50		
Ladies Toilet								
Lintel	1	1	28.00	0.20	0.15	0.84		
Roof Beam	1	1	19.60	0.20	0.45	1.76		
Roof Slab	1	1	5.40	4.00	0.13	2.70		
	1	1	5.80	0.90	0.13	0.65		
Security Room								
Lintel	1	1	31.20	0.20	0.15	0.94		
Roof Beam	1	1	26.00	0.20	0.45	2.34		
Roof Slab	1	1	5.40	5.00	0.13	3.51		
	1	1	5.40	0.90	0.13	0.63		
Total Qty	**Cum**					**26.46**	6363.36	**168385.96**
Basic rate	**5892.00**							
Area Weightage 8%	**471.36**							
Total	**6363.36**							
KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Page No : 14, item No : 4.19)								
Gents Toilet								
Chajja	1	1	1.40	0.90		1.26		
Security Room								
Chajja	1	3	1.40	0.90		3.78		
Total Qty	**Sqm**					**5.04**	475.20	**2395.01**
Basic rate	**440.00**							
Area Weightage 8%	**35.20**							
Total	**475.20**							
KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 (Page No : 17, item No : 4.46.2)								
For Sump at 130kg/cum			36.13	130.00		4696.25		
Gents Toilet								

150kg/cum for Footings			2.59	150.00		388.80		
180kg/cum for Columns			1.58	180.00		285.12		
150kg/cum for Beams			1.73	150.00		259.20		
120kg/cum for Slabs			3.10	120.00		371.40		
100kg/cum for Plinth, Lintel and Chajja			2.33	100.00		233.25		
Ladies Toilet								
150kg/cum for Footings			2.59	150.00		388.80		
180kg/cum for Columns			1.58	180.00		285.12		
150kg/cum for Beams			1.76	150.00		264.60		
120kg/cum for Slabs			3.35	120.00		402.30		
100kg/cum for Plinth, Lintel and Chajja			2.78	100.00		278.40		
Security Room								
150kg/cum for Footings			2.59	150.00		388.80		
180kg/cum for Columns			2.30	180.00		414.72		
150kg/cum for Beams			2.34	150.00		351.00		
120kg/cum for Slabs			4.14	120.00		497.02		
100kg/cum for Plinth, Lintel and Chajja			3.17	100.00		317.40		
						9822.18		
Total Qty	**Tonne**					**9.82**	76643.28	**752803.79**
Basic rate	**70966.00**							
Area Weightage 8%	**5677.28**							
Total	**76643.28**							
Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification (Page No : 67, item No : 10.5)									
Bottom Raft		1	5.00	5.00		25.00		
Walls		1	20.00	4.00		80.00		
Top slab		1	5.00	5.00		25.00		
Total Qty	**Sqm**					**130.00**	568.08	**73850.40**
Basic rate	**526.00**							
Area Weightage 8%	**42.08**							
Total	**568.08**							
KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto SO m. and lift upto 1.S m. including cost of all labour complete as per specifications. specification. No. KBS(Page No : 67, item No : 10.5)								
Around Sump								
		1	22.40	0.10	4.50	10.08		
Gents Toilet								
Around Footings	1	4	1.30	1.30	2.40	16.22		
Deduct Columns	1	-4	0.20	0.45	2.40	-0.86		
Ladies Toilet								
Around Footings	1	4	1.30	1.30	2.40	16.22		
Deduct Columns	1	-4	0.20	0.45	2.40	-0.86		
Security Room								
Around Footings	1	4	1.30	1.30	2.40	16.22		
Deduct Columns	1	-4	0.20	0.45	2.40	-0.86		
Total Qty	**Cum**					**56.16**	217.08	**12191.21**
Basic rate	**201.00**							

Area Weightage 8%	16.08							
Total	217.08							
KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(Page No :25, item No : 5.27.1)								
Gents Toilet								
Walls	1	1	25.60		3.00	76.80		
Parappet Wall	1	1	19.20		1.20	23.04		
Deduction for openings								
Door D1	1	-3	0.90		2.10	-5.67		
Window W1	1	-1	1.20		1.20	-1.44		
Ventilator	1	-4	0.90		0.60	-2.16		
Ladies Toilet								
Walls	1	1	32.40		3.00	97.20		
Parappet Wall	1	1	19.60		1.20	23.52		
Deduction for openings								
Door D1	1	-5	0.90		2.10	-9.45		
Ventilator	1	-4	0.90		0.60	-2.16		
Security Room								
Walls	1	1	31.00		3.00	93.00		
Parappet Wall	1	1	29.80		1.20	35.76		
Deduction for openings								
Door D1	1	-3	0.90		2.10	-5.67		
Window W1	1	-3	1.20		1.20	-4.32		
Ventilator	1	-1	0.90		0.60	-0.54		
Total Qty	Sqm					317.91	984.96	313128.63
Basic rate	912.00							
Area Weightage 8%	72.96							
Total	984.96							
KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.								
Gents Toilet								
External Walls	1	1	20.00		3.15	63.00		
Parappet Wall	1	1	20.00		2.50	50.00		
Deduction for openings								
Door D1	1	-1	0.90		2.10	-1.89		
Window W1	1	-1	1.20		1.20	-1.44		
Ventilator	1	-4	0.90		0.60	-2.16		
Ladies Toilet								
External Walls	1	1	20.40		3.15	64.26		
Parappet Wall	1	1	20.40		2.50	51.00		
Deduction for openings								
Door D1	1	-1	0.90		2.10	-1.89		
Ventilator	1	-4	0.90		0.60	-2.16		
Security Room								
Walls	1	1	31.00		3.00	93.00		
Parappet Wall	1	1	29.80		1.20	35.76		
Deduction for openings								
Door D1	1	-3	0.90		2.10	-5.67		
Window W1	1	-3	1.20		1.20	-4.32		
Ventilator	1	-1	0.90		0.60	-0.54		
Total Qty	Sqm					336.95	312.12	105168.83

Basic rate	289.00								
Area Weightage 8%	23.12								
Total	312.12								
KSRB 15.3.1 Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications..(Page No.112, Item No.15.9)									
Gents Toilet									
Internal Plastering	1	1	22.00		3.00	66.00			
Deductions for openings									
Door D1	1	-2	0.90		2.10	-3.78			
Ladies Toilet									
Internal Plastering	1	1	26.40		3.00	79.20			
Deductions for openings									
Door D1	1	-4	0.90		2.10	-7.56			
Security Room									
Walls	1	1	31.00		3.00	93.00			
Deduction for openings									
Door D1	1	-3	0.90		2.10	-5.67			
Window W1	1	-3	1.20		1.20	-4.32			
Ventilator	1	-1	0.90		0.60	-0.54			
Total Qty	Sqm					216.33	227.88	49297.28	
Basic rate	211.00								
Area Weightage 8%	16.88								
Total	227.88								
KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.									
Gents Toilet									
Ceiling	1	1	3.00	4.00		12.00			
	1	1	2.00	2.00		4.00			
	1	1	2.00	2.00		4.00			
Ladies Toilet									
Ceiling	1	4	2.00	2.00		16.00			
	1	1	1.00	4.20		4.20			
Security Room									
Ceiling	1	1	2.80	2.00		5.60			
	1	1	2.00	2.00		4.00			
	1	1	5.00	2.00		10.00			
Total Qty	Sqm					59.80	253.80	15177.24	
Basic rate	235.00								
Area Weightage 8%	18.80								
Total	253.80								
KSRB 15.10.2 Providing white washing for every one additional coat with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications. (Page No. 114, Item No. 15.39)									
Same As Internal and Ceiling Plastering Qnty									
Total Qty	Sqm					216.33	6.48	1401.82	
Basic rate	6.00								
Area Weightage 8%	0.48								
Total	6.48								

	KSRB 15.10.4 Providing white washing to ceiling and / or sloping roof surface with additional one coat with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.(Page No. 114, Item No. 15.41)								
	Same As Internal and Ceiling Plastering Qnty								
	Total Qty	**Sqm**					**59.80**	7.56	**452.09**
	Basic rate	**7.00**							
	Area Weightage 8%	**0.56**							
	Total	**7.56**							
	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 117, I.No. 15.53.2 of SR 2018-19).								
	Same As External Plastering Qnty								
	Total Qty	**Sqm**					**336.95**	110.16	**37118.41**
	Basic rate	**102.00**							
	Area Weightage 8%	**8.16**							
	Total	**110.16**							
	Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throuughly brushing the surface,free from mortar drops and other foreign matter, including priming , including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications,with primer. (Page No : 116, item No :15.51.2)For internal walls.								
	Same As Internal Plastering Qnty								
	Total Qty	**Sqm**					**216.33**	97.20	**21027.28**
	Basic rate	**90.00**							
	Area Weightage 8%	**7.20**							
	Total	**97.20**							
	Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throuughly brushing the surface,free from mortar drops and other foreign matter, including priming , including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications,with primer. (Page No : 117, item No :15.51. 2 & 3) for ceiling								
	Same As Ceiling Plastering Qnty								
	Total Qty	**Sqm**					**59.80**	97.20	**5812.56**
	Basic rate	**90.00**							
	Area Weightage 8%	**7.20**							
	Total	**97.20**							
	Providing vitrified tiles 60 x 60cms of approved make, shade and size for flooring laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing complete as per specification. (Page No : 107, item No :14.45)								
	Internal Floor Area	1	1	5.00	5.00		25.00		
	Deduct Toilet Block	1	-1	2.20	2.20		-4.84		
	Security Room								
		1	1	2.80	2.00		5.60		
		1	1	2.00	2.00		4.00		
		1	1	5.00	2.00		10.00		
	Total Qty	**Sqm**					**39.76**	972.00	**38646.72**
	Basic rate (Issue Rate)	**900.00**							
	Area Weightage 8%	**72.00**							
	Total	**972.00**							
	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles 400 x 400mm on a bed of 20mm thick (Page No : 106, item No :14.36.3)								

Gents Toilet								
	1	1	3.00	4.00		12.00		
	1	1	2.00	2.00		4.00		
	1	1	2.00	2.00		4.00		
Ladies Toilet								
	1	4	2.00	2.00		16.00		
	1	1	1.00	4.20		4.20		
Total Qty	**Sqm**					**40.20**	1370.52	**55094.90**
Basic rate (Issue Rate)	**1269.00**							
Area Weightage 8%	**101.52**							
Total	**1370.52**							
KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms. (P.No.106, I.No. 14.41.2 of PWD SR 2018-19)								
Gents Toilet								
	1	1	22.00		2.10	46.20		
Deductions for openings								
Door D1	1	-1	0.90		2.10	-1.89		
Ladies Toilet								
	1	1	26.40		2.10	55.44		
Security Room								
	1	1	7.60		2.10	15.96		
	1	1	8.00		2.10	16.80		
Deductions for openings								
	1	-1	0.90		2.10	-1.89		
	1	-1	0.90		2.10	-1.89		
Total Qty	**Sqm**					**128.73**	1762.56	**226894.35**
Basic rate	**1632.00**							
Area Weightage 8%	**130.56**							
Total	**1762.56**							
KSRB 9.4-3 : Providing Mathi / Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 (Page No : 51, item No :9.11)								
Door D1	1	1	6.90	0.10	0.10	0.07		
Gents Toilet								
Door D1	1	3	6.00	0.10	0.10	0.18		
Ladies Toilet								
Door D1	1	5	6.00	0.10	0.10	0.30		
Security Room								
Door D1	1	2	6.00	0.10	0.10	0.12		
Total Qty	**Cum**					**0.67**	1762.56	**1179.15**
Basic rate	**1632.00**							
Area Weightage 8%	**130.56**							
Total	**1762.56**							
KSRB 9.5-3 : Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 (Page No : 51, item No :9.16)								
Door D1	1	1	1.20	2.10		2.52		
Security Room								
Door D1	1	2	1.20	2.10		5.04		